[redacted]iverfront Plaza Apt. [redacted] - Showerhead
Grab Samples by U.S. EPA on 03/25/2016
Final Analytical Results

Parameter	Units	Your Results		Comparison Standards			
		Cold, Unfiltered Water (Showerhead/ Aerator On)	Hot, Unfiltered Water (Showerhead/ Aerator On)	Maximum Contaminant Level (MCL)	Action Level (AL)	Maximum Contaminant Level Goal (MCLG)	Secondary MCL
		R06et	R07et / R08et / R09et				
Aluminum	µg/L	47 (J)	26 (J)	--	--	--	50 to 200
Antimony	µg/L	0.16 (J)	0.16 (U)	6	--	6	--
Arsenic	µg/L	0.2 (J)	0.19 (J)	10	--	0	--
Barium	µg/L	14 (J)	14 (J)	2000	--	2000	--
Beryllium	µg/L	0.17 (J B)	0.18 (J B)	4	--	4	--
Boron	µg/L	14 (J)	15 (J)	--	--	--	--
Cadmium	µg/L	0.061 (U)	0.061 (U)	5	--	5	--
Calcium	µg/L	28000	26000	--	--	--	--
Chromium	µg/L	0.24 (J)	0.2 (U)	100	--	100	--
Copper	µg/L	150	170	--	1300	1300	1000
Iron	µg/L	92 (J)	18 (J)	--	--	--	300
Lead	µg/L	1.7	0.26 (J)	--	15	0	--
Magnesium	µg/L	8000	7700	--	--	--	--
Manganese	µg/L	3.7 (J)	1.9 (J)	--	--	--	50
Molybdenum	µg/L	0.53 (J)	0.56 (J)	--	--	--	--
Nickel	µg/L	1.4 (J)	1.4 (J)	--	--	--	--
Potassium	µg/L	980 (J)	950 (J)	--	--	--	--
Selenium	µg/L	0.67 (J)	0.25 (U)	50	--	50	--
Silver	µg/L	0.02 (U)	0.02 (U)	--	--	--	100
Sodium	µg/L	5000	4700 (J)	--	--	--	--
Thallium	µg/L	0.074 (U)	0.074 (U)	2	--	0.5	--
Tin	µg/L	1.3 (U)	1.3 (U)	--	--	--	--
Vanadium	µg/L	0.41 (J)	0.42 (J)	--	--	--	--
Zinc	µg/L	130	31 (J)	--	--	--	5000
Alkalinity	mg/L	Not Sampled	21 (B)	--	--	--	--
Chloride	mg/L	Not Sampled	9.5	--	--	--	250
Fluoride	mg/L	Not Sampled	0.72 (J)	4	--	4	2
Sulfate	mg/L	Not Sampled	21	--	--	--	250
Total Dissolved Solids	mg/L	Not Sampled	120	--	--	--	500

Notes:

mg/L = milligrams per liter (also called ppm or parts per million)

µg/L = micrograms per liter (also called ppb or parts per billion)

(U) = Not detected above the listed reporting limit

(J) = Estimated

(B) = Low levels were also present in the laboratory blank samples, indicating a potential high bias (the actual value may be lower than what is reported here).

Maximum Contaminant Level (MCL) = The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology and taking cost into consideration. MCLs are enforceable standards.

Maximum Contaminant Level Goal (MCLG) = The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals.

Action Level (AL) = The Action level of 15 ppb (for the 90th percentile of compliance samples) is based on technical feasibility of reducing lead in drinking water through optimizing corrosion control. It is not a health based level.

Secondary MCL = non-mandatory water quality standards established only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. These contaminants are not considered to present a risk to human health at the SMCL.

Method Detection Limit (MDL), ranges from 0.014 ppb to 0.35 ppb for Flint lead data reported by EPA, indicates the level at which the laboratory has high confidence that the analyte is PRESENT in the sample but low confidence in the numerical result. MDLs are routinely reassessed by each laboratory to ensure the accurate presentation of their data.

Reporting Limit (RL), ranges from 0.50 ppb to 1.0 ppb for Flint lead data reported by EPA, is set by individual laboratories to ensure confidence in the precision and accuracy of the reported numerical result for the analyte. Any results reported below the RL (but above the MDL) are estimated; this is generally indicated by a "J" qualifier after the number.